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SHEET 1 OF 2

INFORMATION DISCLOSURE  
CITATION  
PTO-1449

ATTY. DOCKET NO.  
22379-701

SERIAL NO.  
09/466,236

APPLICANT Partovi et al.

FILING DATE Dec. 17, 1999

GROUP 2768

#### U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

#### FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Ruf	0 859 500 A2	19/08/98	Europe	H04M	3/50	<input type="checkbox"/>	<input type="checkbox"/>
Ruf	0 847 179 A2	10/06/98	Europe	H04M	7/00	<input type="checkbox"/>	<input type="checkbox"/>
Ruf	0 889 627 A2	07/01/99	Europe	H04M	3/50	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
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						<input type="checkbox"/>	<input type="checkbox"/>

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Ruf	Busch, M. et al., "Optimal Telephone Line Allocation of Voice ADS System", <i>Proceedings of the 1993 Winter Simulation Conference</i> , December 12-15, 1993, pp. 1359-1360.
Ruf	Hindus, D. et al., "Capturing, Structuring, and Representing Ubiquitous Audio", <i>ACM Transactions on Information Systems</i> , Vol. 11, No. 4, Oct. 1993, pp. 376-400.
Ruf	Hundus, D. et al., "Ubiquitous Audio: Capturing Spontaneous Collaboration", <i>Proceedings of the Conference on Computer-Supported Cooperative Work</i> , November 1992, pp. 210-217.
Ruf	Resnick, P., "HyperVoice - A Phone-Based CSCW Platform", <i>Proceedings of the Conference on Computer-Supported Cooperative Work</i> , November 1992, pp. 218-225.
Ruf	Resnick, P., "Phone-Based CSCW: Tools and Trials", <i>ACM Transactions on Information Systems</i> , Vol. 11, No. 4, Oct. 1993, pp. 401-424.
Ruf	Resnick, P. et al., "Skip and Scan: Cleaning Up Telephone Interfaces", <i>CHI '92 Conference Proceedings - ACM Conference on Human Factors in Computing Systems</i> , May 1992, pp. 419-426.
Ruf	Schmandt, C., "PhoneShell: the Telephone as Computer Terminal", <i>Proceedings ACM Multimedia 93</i> , August 1993, pp. 373-382.
Ruf	Bolt, R., "'Put-That-There": Voice and Gesture at the Graphics Interface", <i>SIGGRAPH '80 Conference Proceedings, Quarterly Report of SIGGRAPH-ACM</i> , July 1980, pp. 262-270.

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>Ruf</i>	Brown, M., "Surf and Speak Services", <i>PC Magazine</i> , March 21, 2000, p. 64
	Hemphill, C. et al., "Surfing the Web by Voice", <i>Proceedings of ACM Multimedia '95</i> , November 1995, pp. 215-222.
<i>Ruf</i>	Rudnicky, A. et al., "Spoken language recognition in an office management domain", <i>ICASSP '91, International Conference on Acoustics, Speech, And Signal Processing</i> , May 1991, pp. 829-832.
	"Integrated Audio-Graphics User Interface", <i>IBM Technical Disclosure Bulletin</i> , April 1991, pp. 368-371.
<i>Ruf</i>	"Voice Augmented Menu Automated Telephone Response System", <i>IBM Technical Disclosure Bulletin</i> , Feb. 1995, pp. 57-62.
	"Speech Recognition - Kurzweil Brings Voice Dictation to Windows", <i>BYTE Magazine</i> , August 1994, p. 48.

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		FILING DATE December 17, 1999	GROUP 2763			
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>Rvp</i>	5,208,745	5-4-93	Quentin et al.	364	188	6-4-90
	5,283,888	2-1-94	Dao et al.	395	500	8-27-91
	5,463,696	10-31-95	Beernink et al.	382	186	7-5-94
	5,465,378	11-7-95	Duensing et al.	395	800	10-12-93
	5,493,606	2-20-96	Osder et al.	379	67	5-31-94
	5,497,373	3-5-96	Hulen et al.	370	79	3-22-94
	5,600,765	2-4-97	Ando et al.	395	133	10-19-93
	5,632,002	5-20-97	Hashimoto et al.	395	2.4	12-28-93
<i>Rvp</i>	5,749,072	5-5-98	Mazurkiewicz et al.	704	275	12-28-95
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>Rvp</i> ✓	WO 98/56154	10/12/98	PCT	H04M	1/64	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<i>Rvp</i>	Hemphill, Charles T., et al., "Surfing the Web by Voice", Proceedings - <i>ACM Multimedia '95</i> , San Francisco, CA, ACM 0-89791 (Nov. 1995), pp. 215-222.					
✓	Hemphill, Charles T., et al., "Speech-Aware Multimedia", <i>IEEE Multimedia</i> , IEEE (1996), pp. 74-78.					
✓	Lau, Raymond, et al., "WebGALAXY: beyond point and click -- a conversational interface to a browser", <i>Computer Networks and ISDN Systems</i> , Vol. 29 (1997), pp. 1385-1393.					
✓	Zue, Victor W., "Navigating the Information Superhighway Using Spoken Language Interfaces", <i>IEEE Expert</i> , IEEE, October 1995, pp. 39-43.					
✓	Seneff, Stephanie, et al., "GALAXY-II: A Reference Architecture For Conversational System Development", technical paper, Massachusetts Institute of Technology (1998), 4 pages.					
✓	Meng, Helen, et al., "WHEELS: A Conversational System in the Automobile Classifieds Domain", <i>Proceedings - Fourth Intl. Conf. on Spoken Language Processing (ICSLP '96)</i> , October 1996, pp. 542-545.					
<i>Rvp</i> ✓	Goddeau, David, et al., "A Form-Based Dialogue Manager For Spoken Language Applications", <i>Proceedings - Fourth Intl. Conf. on Spoken Language Processing (ICSLP '96)</i> , October 1996, pp. 701-704.					
EXAMINER	<i>Rvp</i>		DATE CONSIDERED	4/29/02 12/12/02		

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>Ruy</i>	5,758,322	5-26-98	Rongley	704	275	12-9-94
	5,761,641	6-2-98	Rozak et al.	704	275	7-31-95
	5,809,269	9-15-98	Favot et al.	395	376	2-11-97
	5,819,220	10-6-98	Sarukkai et al.	704	243	9-30-96
	5,873,064	2-16-99	De Armas et al.	704	275	11-8-96
	5,875,429	2-23-99	Douglas	704	275	5-20-97
	5,884,262	3-16-99	Wise et al.	704	270	3-28-96
	5,884,265	3-16-99	Squitteri et al.	704	275	3-27-97
	5,884,266	3-16-99	Dvorak	704	275	4-2-97
	5,893,063	4-6-99	Loats et al.	704	275	3-10-97
	5,897,618	4-27-99	Loats et al.	704	275	3-10-97
	5,918,213	6-29-99	Bernard et al.	705	26	12-22-95
	5,920,841	7-6-99	Schottmuller et al.	704	275	6-25-97
	5,926,789	7-20-99	Barbara et al.	704	275	12-19-96
	5,945,989	8-31-99	Freishtat et al.	345	329	3-25-97
<i>Ruy</i>	5,953,392	9-14-99	Rhie et al.	379	88.13	3-1-96
<b>FOREIGN PATENT DOCUMENTS</b>						
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						YES
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<i>Ruy</i>	Lieberman, Henry, "Attaching Interface Agent Software to Applications", unpublished draft, Media Laboratory, Massachusetts Institute of Technology, circa 1993, 8 pages.					
<i>Ruy</i>	Schmandt, Chris, "Phoneshell: the telephone as computer terminal", as printed in <i>Proceedings of the conference on Multimedia '93</i> , pp. 373-382 (1993).					
<i>Ruy</i>	"VoxML 1.0 Language Reference", Revision 1.0a, Motorola, Inc., October 1998, pp. 1-51.					
EXAMINER	<i>Ruy</i>		DATE CONSIDERED	<i>4/28/02</i>		

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS
<i>Rey</i>	5,359,645	10-25-94	Katz	379	93
<i>Rey</i>	5,799,063	8-25-98	Krane	379	67
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>Rey</i>	<input checked="" type="checkbox"/> "VoxML 1.0 Application Development Guide", Revision 1.0, Motorola, Inc., September 1998, pp. 1-31. <input checked="" type="checkbox"/> Motorola VoxML Team, "VoxML SDK 1.0a Interim Release Notes", Motorola, Inc., Dec. 1998, 5 pages. <input checked="" type="checkbox"/> VoiceXML Forum, "Voice Extensible Markup Language - VoiceXML", Version 0.9, Aug. 1999, 63 pages. <input checked="" type="checkbox"/> James, Frankie, "AHA: audio HTML access", <i>Computer Networks and ISDN Systems</i> , Vol. 29 (1997), pp. 1395-1404. <input checked="" type="checkbox"/> James, Frankie, "Lessons from Developing Audio HTML Interfaces", <i>Proceedings of The Third Intl. ACM Conf. on Assistive Technologies (ASSETS '98)</i> , ACM Press, April 1998, pp. 27-34. <input checked="" type="checkbox"/> Raman, T.V., "Cascaded speech style sheets", <i>Computer Networks and ISDN Systems</i> , Vol. 29 (1997), pp. 1377-1383. <input checked="" type="checkbox"/> Abrams, Marc, et al., "UIML: an appliance-independent XML user interface language", <i>Computer Networks</i> , Vol. 31 (1999), pp. 1695-1708. <input checked="" type="checkbox"/> VoiceXML Forum, "Voice eXtensible Markup Language (VoiceXML) - Technical Background", copyright AT&T (1999), printed from website "www.vxmlforum.org/tech_bkgnd.html" August 17, 1999, 3 pages. <input checked="" type="checkbox"/> Cover, Robin, "The SGML/XML Web Page - Speech ML", Feb. 22, 1999, printed from website "www.oasis-open.org/cover/speechML.html" August 17, 1999, 2 pages. <input checked="" type="checkbox"/> Cover, Robin, "The SGML/XML Web Page - VoxML Markup Language", Mar. 2, 1999, printed from website "www.oasis-open.org/cover/speechML.html" August 17, 1999, 3 pages. <input checked="" type="checkbox"/> "Call Center Products", Edify Corp., copyright 1994-1999, printed from website "www.edify.com/templates/basic.asp?nodeid=665" August 24, 1999, 1 page. <input checked="" type="checkbox"/> "Financial Services Products", Edify Corp., copyright 1994-1999, printed from website "www.edify.com/templates/basic.asp?nodeid=105" August 24, 1999, 1 page. <input checked="" type="checkbox"/> "Technology Overview", Edify Corp., copyright 1994-1999, printed from website "www.edify.com/templates/basic.asp?nodeid=125" August 24, 1999, 2 pages.				
	EXAMINER	<i>Rey</i>		DATE CONSIDERED <i>4/22/00</i>	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>Rajp</i>	<input checked="" type="checkbox"/> "Customer List", Edify Corp., copyright 1994-1999, printed from website <a href="http://www.edify.com/templates/cust_list.asp?nodeid=145">"www.edify.com/templates/cust_list.asp?nodeid=145"</a> August 24, 1999, 2 pages.					
	<input checked="" type="checkbox"/> "Customer Case Studies", Edify Corp., copyright 1994-1999, printed from website <a href="http://www.edify.com/templates/cust_case_list.asp?nodeid=146">"www.edify.com/templates/cust_case_list.asp?nodeid=146"</a> August 24, 1999, 5 pages.					
	<input checked="" type="checkbox"/> "Electronic Workforce Overview", Edify Corp., copyright 1994-1999, printed from website <a href="http://www.edify.com/demos/elec_work_tour/*.html">"www.edify.com/demos/elec_work_tour/*.html"</a> August 24, 1999, 13 pages.					
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	<input checked="" type="checkbox"/> Raman, T.V., "Emacspeak - Direct Speech Access", <i>Proceedings of The Second Annual ACM Conference on Assistive Technologies (ASSETS '96)</i> , ACM, April 1996, pp. 32-36.					
	<input checked="" type="checkbox"/> Krell, Mitchell, et al., "V-Lynx: Bringing the World Wide Web to Sight Impaired Users", <i>Proceedings of The Second Annual ACM Conference on Assistive Technologies (ASSETS '96)</i> , ACM, April 1996, pp. 23-26.					
	<input checked="" type="checkbox"/> "The AirFlash Search Engine", AirFlash, Inc., printed from website <a href="http://www.airflash.com/afad_works_main.html">"www.airflash.com/afad_works_main.html"</a> August 17, 1999, 1 page.					
	<input checked="" type="checkbox"/> Zajicek, Mary, et al., "A Web Navigation Tool for the Blind", <i>Proceedings of The Third Annual ACM Conference on Assistive Technologies (ASSETS '98)</i> , ACM, April 1998, pp. 204-206.					
	<input checked="" type="checkbox"/> Natural Language Speech Recognition systems from Nuance Communications, printed from website <a href="http://www.nuance.com/*">"www.nuance.com/*"</a> August 17, 1999, 9 pages.					
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<input checked="" type="checkbox"/> "Nuance Developer's Toolkit", Nuance Communications, Menlo Park, CA, (1998), 2 pages.						
<i>Rajp</i>		V-Commerce™ product overview, introduction and demos, V-Commerce™, printed from website " <a href="http://www.V-Commerce.com/*">www.V-Commerce.com/*</a> " August 17, 1999, 11 pages.				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<p><i>Ruy</i></p> <p>✓ V-Commerce™ White Paper, Paper No: WP006-0998, V-Commerce™, Menlo Park, CA, Oct. 6, 1998, 8 pgs.</p> <p>✓ "Nuance SpeechObjects and V-Commerce Applications", a Nuance white paper, Nuance Communications, Menlo Park, CA, (1999), 13 pages.</p> <p>✓ Asakawa, Chieko, et al., "User Interface of a Home Page Reader", <i>Proceedings of The Third Annual ACM Conference on Assistive Technologies (ASSETS '98)</i>, ACM, April 1998, pp. 149-156.</p> <p>✓ Bayer, Samuel, "Embedding Speech in Web Interfaces", <i>Proceedings of The Fourth Annual Conference on Spoken Language Processing (ICSLP 96)</i>, October 1996, pp. 1684-1687.</p> <p>✓ Kondo, Kazuhiro, et al., "Surfin' The World Wide Web With Japanese", <i>1997 IEEE International Conference on Acoustics, Speech, and Signal Processing</i>, Vol. II of V, April 1997, pp. 1151-1154.</p> <p>✓ Corrick, David, et al., "'ELTON' Takes Orders for New Zealand Wines &amp; Spirits", <i>Speech Technology</i>, Sept./Oct. 1988, pp 87-89.</p> <p>✓ Mynatt, Elizabeth D., et al., "Mapping GUIs to Auditory Interfaces", <i>proceedings of the Fifth Annual Symposium on User Interface Software and Technology (UIST)</i>, ACM, November 1992, pp. 61-70.</p> <p>✓ Gamm, Stephan, et al., "Findings with the Design of a Command-Based Speech Interface for a Voice Mail System", <i>Proceedings of the Third IEEE Workshop on Interactive Voice Technology for Telecommunications Applications (IVTTA-96)</i>, IEEE Communications Society, September 1996, pp. 93-96.</p> <p>✓ Markowitz, Judith A., "Using Speech Recognition", Prentice Hall PTR, (1996), 293 pages.</p> <p>✓ Life, A., et al., "Data Collection for the MASK Kiosk: WOz vs Prototype System", <i>Proceedings of the Fourth International Conference on Spoken Language Processing (ICSLP 96)</i>, October 1996, pp. 1672-1675.</p> <p>✓ Gauvain, J.L., et al., "Speech Recognition for an Information Kiosk", <i>Proceedings of the Fourth International Conference on Spoken Language Processing (ICSLP 96)</i>, October 1996, pp. 849-852..</p> <p><i>Ruy</i> ✓ Mazor, Baruch, et al., "OASIS - A Speech Recognition System for Telephone Service Orders", <i>Proceedings of the 1994 International Conference on Spoken Language Processing (ICSLP 94)</i>, Sep. 1994, pp. 679-682.</p>						
EXAMINER	<i>Not Applicable</i>		DATE CONSIDERED	4/29/01		

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<i>LW</i>	<input checked="" type="checkbox"/>	Oerder, Martin, et al., "A Realtime Prototype of an Automatic Inquiry Systsm", <i>Proceedings of the 1994 International Conference on Spoken Language Processing (ICSLP 94)</i> , Sep. 1994, pp. 703-706.				
	<input checked="" type="checkbox"/>	Jurafsky, Daniel, et al., "The Berkeley Restaurant Project", <i>Proceedings of the 1994 International Conference on Spoken Language Processing (ICSLP 94)</i> , Sep. 1994, pp. 2139-2142.				
	<input checked="" type="checkbox"/>	Fugitt, Mitchell L., "A Voice Actuated Data Entry System for Analytical Data Collection", <i>Speech Technology Oct./Nov. 1989</i> , pp. 26-29.				
	<input checked="" type="checkbox"/>	Chien, Lee-Feng, et al., "Internet Chinese Information Retrieval Using Unconstrained Mandarin Speech Queries Based on A Client-Server Architecture and A PAT-tree-based Language Model", <i>1997 IEEE Intl. Conference on Acoustics, Speech, and Signal Processing</i> , Vol. II of V, April 1997, pp. 1155-1158.				
	<input checked="" type="checkbox"/>	Walker, Marilyn A., et al., "What Can I Say?: Evaluating a Spoken Language Interface to Email", <i>Human Factors in Computing Systems (CHI-98), Conference Proceedings</i> , ACM Press, April 1998, pp. 582-589.				
	<input checked="" type="checkbox"/>	Schmandt, Chris, et al., "Augmenting a Window System with Speech Input", <i>IEEE</i> , August 1990, pp. 50-55.				
	<input checked="" type="checkbox"/>	Rudnicky, Alexander I., et al., "SpeechWear: A mobile speech system", <i>Proceedings of the Fourth International Conference on Spoken Language Processing (ICSLP 96)</i> , October 1996, pp. 538-541.				
	<input checked="" type="checkbox"/>	Mellor, B.A., et al., "Evaluating Automatic Speech Recognition as a Component of a Multi-Input Device Human-Computer Interface", <i>Proceedings of the Fourth International Conference on Spoken Language Processing (ICSLP 96)</i> , October 1996, pp. 1668-1671.				
	<input checked="" type="checkbox"/>	Katsuura, Makoto, et al., "The WWW Browser System with Spoken Keyword Recognition", <i>Transactions of Information Processing Society of Japan</i> , Vol. 40, No. 2, Feb. 1999, pp. 443-452.				
	<input checked="" type="checkbox"/>	Asakawa, Chieko, et al., "User Interface of a Non-visual Web Access System", <i>Transactions of Information Processing Society of Japan</i> , Vol. 40, No. 2, Feb. 1999, pp. 453-459.				
<i>Rud</i>	<input checked="" type="checkbox"/>	Nakajima, Hideharu, et al., "Multimodal Interaction with WWW Browsers - An Interface Using Mouse Movement and Voiced Command", <i>Transactions of Information Processing Society of Japan</i> , Vol. 39, No.42, Apr. 1998, pp. 1127-1136.				
EXAMINER	<i>Robert H. Hall</i>		DATE CONSIDERED	<i>4/28/02</i>		

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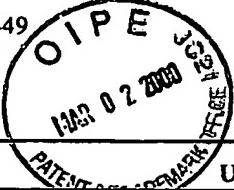
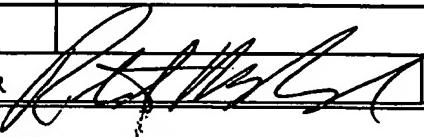
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<i>Ruf</i>	✓	Graziani, Paolo, et al., "Screen Reader for Windows Based on Speech Output", <i>Computers for Handicapped Persons, Proceedings of the 4th International Conference (ICCHP '94)</i> , Sept. 1994, pp. 96-100.				
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EXAMINER	<i>Robert M. Ruf</i>		DATE CONSIDERED		4/29/02	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SHEET 8 OF 8

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. Group 2700 22379-701'		SERIAL NO. 09/466,236		
PTO-1449 		APPLICANT Partovi et al.				
		FILING DATE December 17, 1999		GROUP 2763		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
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<i>Rug</i>	"CNN - No clicking, no buttons: com...ers 'speech sites' - July 30, 1999", printed from website "www.cnn.com/TECH/ptech/9907/30/voicerec/" August 25, 1999, 4 pages.					
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#10

Attorney Docket No.: TLME-99-001.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
Patent Application

Inventor(s): Partovi et al.

Group Art Unit: 2768

Filed: 12/17/99

Examiner:

Serial No.: 09/466,236

Title: METHOD AND APPARATUS FOR ELECTRONIC COMMERCE USING A TELEPHONE INTERFACE

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Technology Center 2100

**Form 1449**

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
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**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation
							Yes No
<i>Ruf</i>	E	WO 98/56154	12/10/98	PCT	H04M	1/64	X

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Examiner

Date Considered

4/25/02 12/12/05

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